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(71) Applicant (for all designated States except US): ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC. [US/US]; Suite 100, 1100 Waterway Boulevard, Indianapolis, IN 46202-2156 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): ZALESKI, Jeffrey, M. [US/US]; 3704 Tamarron Drive, Bloomington, IN 47408 (US).

(74) Agents: HASAN, Salim, A. et al.; Leydig, Voit &amp; Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).

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(54) Title: COMPOUNDS, COMPOSITIONS, AND METHODS FOR PHOTODYNAMIC THERAPY

(57) Abstract: Disclosed are novel compounds, compositions, and methods that are particularly useful in photodynamic therapy. In particular, the inventive compounds, compositions, and methods relate to the formation of cytotoxic radical species in the presence of light. Significantly, the compounds, compositions, and methods of the present invention do not require the presence of oxygen in the photodynamic therapy and, as such, rely on a unimolecular mechanism for producing the radicals. The inventive compounds, compositions, and methods can be used, for example, in the treatment of cancers as well as infections caused by microorganisms such as protozoa, fungi, bacteria, and viruses.